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CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

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COUNTRY	Bulgaria	REPORT	
SUBJECT	Installations in Sofia	DATE D	
DATE OF INFO.		NO. OF PAGES	20
PLACE ACQUIRED		REQUIREMENT NO.	RD
		REFERENCES	
	This is UNEVALUATED Information		641036

THE SOURCE EVALUATIONS IN THIS REPORT ARE DEFINITIVE.
THE APPRAISAL OF CONTENT IS TENTATIVE.
(FOR KEY SEE REVERSE)

Weapons Factory - May 1954

1. A weapons factory is located in the northern outskirts of Sofia, in the Zakharna Fabrika (Sugar Factory) industrial quarter of the city. It is known as the "Oruzheni Rabotilnitsa pri M. V. RF" (Weapons Workshop of the Ministry of the Interior) and is subordinate to the Ministry of the Interior.

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2. The shop employs military personnel exclusively. These are men who in civilian life were employed in specialties such as mechanics, milling, lathing, etc. After a brief period of recruit instruction, they are assigned to the factory where they remain until the completion of their military duty period. Work is done in three shifts per day.

3. Production is entirely for Bulgarian use and consists of the following:

a. Soviet model "Degtyarev-42" heavy machine guns, equipped with rubber-tired mounts, traditionally used as "anti-tank guns;"

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b. Light machine guns of unknown types;

c. "Shpagin" (PPSh) submachine guns;

d. Ordinary repeater rifles;

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e. Pistols; and

f. Corrections and repair on the above types of weapons.

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STATE	X	ARMY	X	NAVY	X	AIR	X	FBI		AEC		ORR	EV	X		
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(Note: Washington Distribution Indicated By "X"; Field Distribution By "#".)

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4. Most of the raw materials used by the factory are furnished by the "Elektrometal" Factory (engaged partially in war production), which is located in the vicinity of this factory.
 5. The factory consists of the following installations:
 - a. Four "large" masonry sheds, identical, twin-sloped tile roofs;
 - b. Firing range for testing the weapons produced or repaired by the factory; in this area there are ~~three~~ ^{four} "walls" approximately 30 meters apart, 4-5 meters wide, with heights progressively greater as the firing range is increased; and
 - c. Four wooden barracks, arranged in a row, approximately 30 meters long and eight meters wide, used as quarters for a unit of Ministry of the Interior troops which are employed as guards at this factory and other establishments in the area.
 6. There are no rail connections at the factory. Trucks are used for transporting raw materials to the factory and finished products to their destinations. The factory has an unknown number of trucks of various types, mostly the 2.5-ton Molotov type.
 7. The factory area and the adjacent firing range for weapons testing are enclosed by a fence approximately two meters high. Guards of the Ministry of the Interior unit are posted at intervals of approximately 50 meters along the inside perimeter of the area. During the night, the area is floodlighted by searchlights located at the edge of the fence. The guards have some watch dogs.
 8. A permanent fire fighting squadron is stationed at the factory. It is subordinate to the DS (Durzhavna Sigurnost; State Security) and the personnel have no duties other than that of "fire fighting."
 9. For antiaircraft protection, there are dug-in machine gun positions along the north and east edges of the firing range, inside the fenced-in area (see Appendix for location). There are five positions along the east side and two or three along the north side, each containing a single "Maksim" type gun. They are manned constantly.
 10. Senior Army officers frequently arrived at the factory to carry out inspections and to settle the formalities necessary for the procurement of lots of new and repaired guns.
- Zavod No. 12 - April 1954
11. "Zavod No. 12" (formerly the Engineers Workshop), a military factory, is located in the southwestern outskirts of Sofia on the right side of the road to Knyazhevo village. It is an old factory which has been called "Zavod No. 12" since 1950; prior to that time, it repaired trucks, motorcycles, etc. for civilian use. In 1950 it was enlarged and increased in capacity and was put at the disposal of the Armed Forces.
 12. Informant knew that the factory now produces caterpillar-tread motor vehicles and artillery tractors. It also repairs and remodels military motor vehicles of all types, particularly for the units comprising the Sofia garrison.

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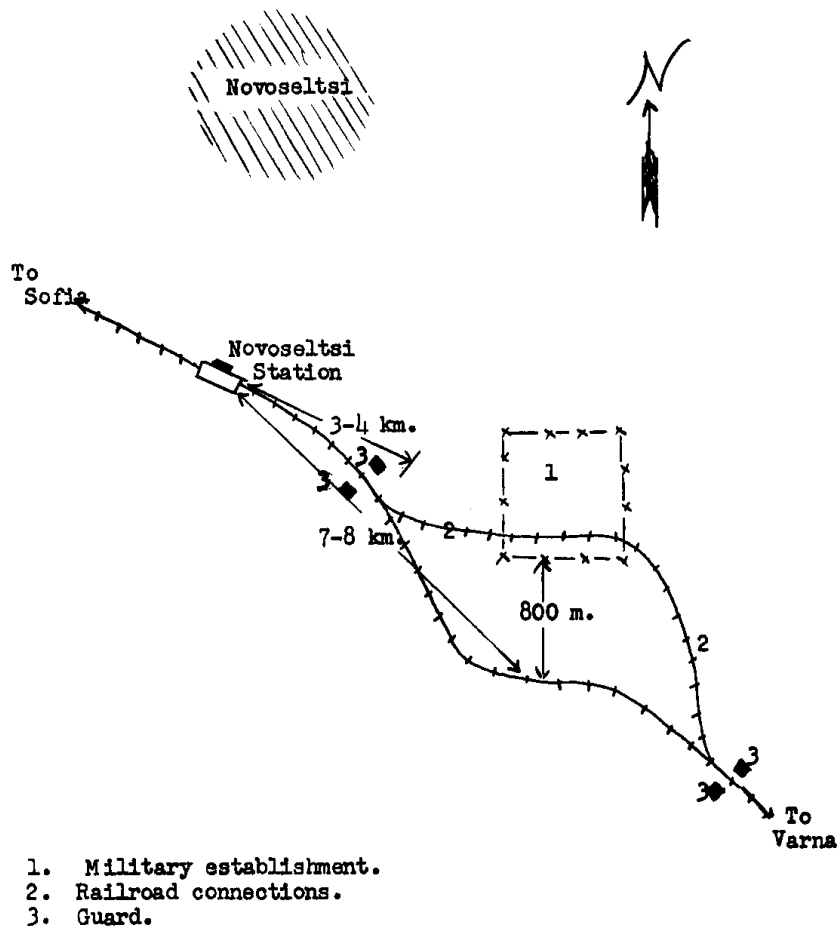
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13. Informant stated that military personnel (number unknown) exclusively are employed at the factory. Work is done in three 8-hour shifts per day.
14. The guard force consists of Army personnel.

Military Factory, Novoseltsi - April 1954

15. An unidentified military establishment is located seven or eight kilometers south of the railroad station of Novoseltsi (N 42-40, E 23-36), approximately 800 meters north of the rail line to Varna, as follows:



16. This factory is identified by a number (unknown to informant). Informant knew only that the factory produces breast-plates for 82 mm. Soviet-type mortars and casings for mortar shells of the same caliber, produced by the "Elektrometal" Foundry of Sofia.

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- a. The factory consists of "small" buildings above the ground (easily visible from the railroad) and "numerous" underground installations;
- b. The area in which the factory is located is "very large," is enclosed on the south and west sides by an ordinary woven wire fence; along the north side of the Varna-Novoseltsi rail line, which the factory fronts, there are signs set in fixed masonry bases stating that this is a "Military Zone;" and
- c. The factory has railroad connections; approximately four kilometers south of the Novoseltsi station, a rail trunk bifurcates to the north to the factory and continues in an east-west direction to later rejoin the rail line to Varna; at each of the two ends of the rail connection, there are always two guards of the DS.

"Voroshilov" Electric Materials Factory - April 1954

- 18. The "Voroshilov" Radio and Electric Materials Factory, a branch of the Elprom (Elektricheska Promishlenost; Electrical Supply) Enterprise, is located in the 9th rayon of Sofia (the Sugar Factory quarter). It occupies an area approximately 300 by 200 meters in size.
- 19. Binito Binev, an engineer, is the factory director. The chief engineer is Savov (fnu). 25X1
25X1 the section producing radios for civilian use employs approximately 600 workers. Work is done in two 8-hour shifts per day.
- 20. 25X1 the following production:
 - a. Radios, telephones, precision instruments, switchboards, electric bells, and pieces and spare parts for the manufacture of these items, etc., for civilian use; and
 - b. Assembly of radio receiving and sending stations of unknown types and assembly of field telephones (hand-operated) for the Armed Forces.
- 21. 25X1 details of the radios produced by the factory for civilian use.
 - a. "Republika 2" model: Luxury model, six tubes (four plus two), three wave lengths (15 to 50 meters short wave, 200 to 600 meters medium wave, and 700 to 2,000 meters long wave), selling price to the public, 2,000 leva;
 - b. "Republika 1" model: Equal in all respects to the "Republika 2" model, except that it has a less luxurious cabinet, selling price 1,800 leva;
 - c. "Khristo Botev" model: Medium type, very well made, large sales; has five (four plus one), three wave lengths (as above), selling price approximately 1,400 leva;
 - d. "Marek 465" model: Medium type, good, six tubes (four plus two), three wave lengths, selling price 1,230 leva;
 - e. "504" model: Semi-popular type, good, four tubes (three plus one), three wave lengths, selling price 820 leva; and

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- f. "Pioneer" model: Popular type, fairly well built, four tubes (three plus one), one wave length, selling price 680-700 leva; for reasons unknown to informant, production was discontinued on this model as of April 1954.

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23. A high percentage of the radios produced are exported; the main purchaser is China, followed at a distance by Albania. The radio most requested by China is the "504" model, because of its good construction and reasonable price. In December 1953, sale to the Bulgarian public of the "504" model was discontinued because of increased requests on the part of China.
24. All raw materials for the production of goods destined for civilian use as well as the partially processed items are supplied by Bulgarian factories, with the exception of tubes, which are imported from the USSR, Czechoslovakia, Hungary, and the German Democratic Republic. All supplies for the production of items for the Armed Forces, assembly of radio receiving stations and field telephones, are supplied by countries of the Eastern Bloc.
25. The factory has rail connections to the freight depot formerly known as Voenna Rampa (Military Ramp) located approximately four kilometers east of the Sofia railroad station along the line to Varna. The rail connections run along the north edge of the factory to a small freight platform from which the narrow gauge line is double-tracked into the center of the factory area.
26. Electric power is supplied by the TETs Nadezhda (Nadezhda thermoelectric plant) located in the Nadezhda quarter of the city.
27. Raw materials and finished products are transported by rail.
28. The factory area, which is not enclosed, is guarded by four sentries posted one at each corner of the area. The guards are supplied by the Ministry of the Interior force which is in charge of guarding all the factories in this quarter.
29. For prompt action in case of fire, the enterprise has a "fire fighting" platoon consisting of civilian personnel subordinate to the DS.
30. The following is the legend for the sketch on page 6:
1. Directorate, administration, laboratories. 3-story building.
 2. Gate keeper.
 3. Telephone booths.
 4. Foundry, carpentry shop, blacksmith department.
 5. Machinery department. Has lathes, milling machines, presses, etc.
 6. Assembly workshop. Here are assembled all products made by the factory (radios, telephones, electric instruments, etc.).
 7. Warehouse. Contains raw, semi-processed, and finished products.
 8. Production section for articles for the Armed Forces. Single building in which are located workshops and materials stores.

NOTE: All the buildings listed above are 3-stories and have basements with the exception of the warehouse (No. 7) which is 1-story high.

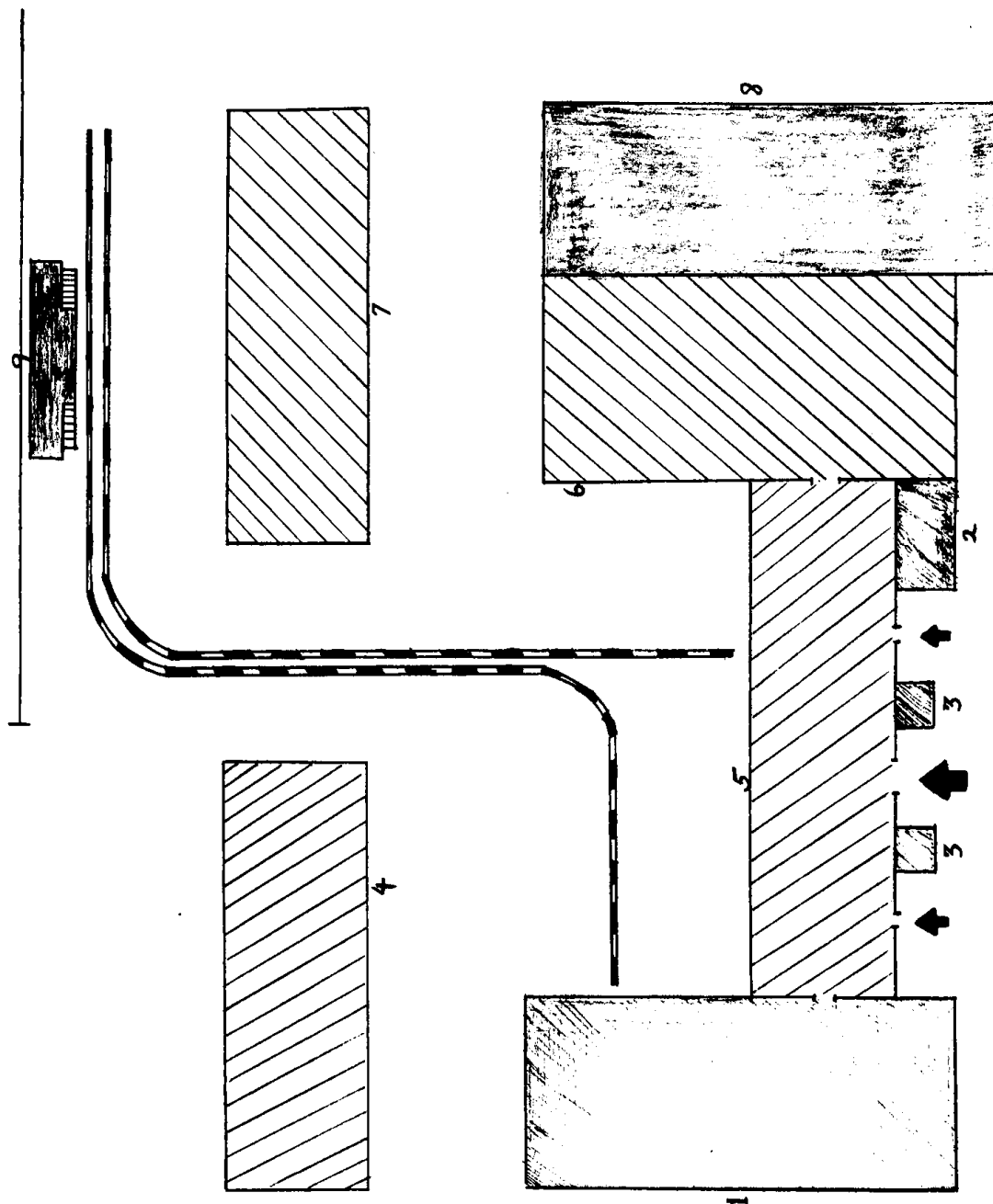
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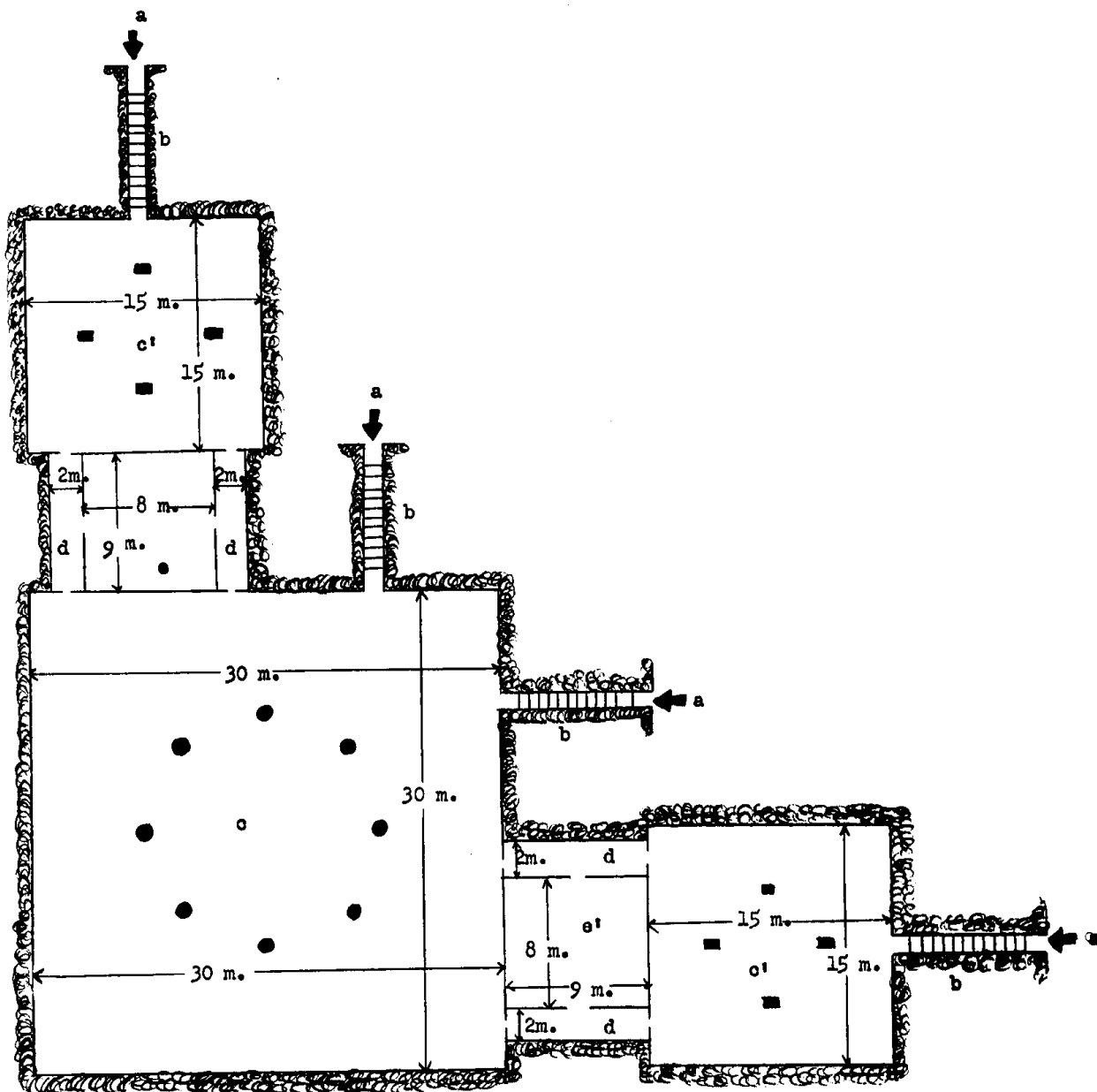
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31. The factory has its own underground air raid shelter, of reinforced concrete construction, for its personnel. It is located immediately southwest of the factory. Construction on the shelter was completed at the end of 1953.

32. The following is a sketch of this shelter: (See page 8 for legend)



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- a. Entrance into shelter. There are four of these, 20-30 meters apart. Trued up with cement, single-door iron gate, very heavy, approximately 1.80 meters high and 0.70 meters wide.
- b. Stairway into shelter. Approximately four meters long. At the end of each is a metal safety door, 2-door type, of the same size as the ones above, through which the various rooms are entered.
- c. Main shelter area. Approximately 30 meters square. Arched roof sustained by reinforced concrete columns arranged in a circle. Approximately three meters high. Two entrances.
- c'. Secondary shelter areas. Approximately 15 meters square. Horizontal lintel roof with sustaining pillars of reinforced concrete. Approximately three meters high. One entrance into each area.
- d. Communications corridors between area c and area c'. Approximately nine meters long, three meters high, and two meters wide.
- e. Service areas. Taken from the space between the communications
- e'. corridors between area c and area c'. Approximately nine meters long, three meters high, and eight meters wide. Used as storehouse for reserve foods for emergencies. Here are held permanent stores of sugar, sea biscuits, canned goods of all types, types of blanket equipment, etc. Here are also first aid beds. In addition, in area e' there is a telephone central connected with the outside by multiple lines so that there can be uninterrupted service in the event that one or more cables are put out of order.

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- 33. Each of the internal rooms is equipped with electric, water, bathroom, and telephone facilities; the telephones are connected with the central and are the hand-operated type. Along the walls of each room, with the exception of the service areas, there are cement seats.
- 34. Each area is equipped with air vents rising approximately 20 centimeters above the level of the shelter. These are circular, with a diameter of about 50 centimeters, and are of cement construction and faced with pierced steel.
- 35. The land in which the shelter is located is level and uncultivated.
- 36. The shelter is constantly guarded by civilian personnel subordinate to the DS.
- 37. A block of buildings used as living quarters for the factory personnel is located immediately southwest of the shelter.

Chemical Factory - April 1954

- 38. The Georgi Dimitrov Chemical Factory is located on the left side of the rail line from Sofia to Varna, approximately 15 minutes by train from the Voenna Rampa, which is located four kilometers east of the main Sofia railroad station.

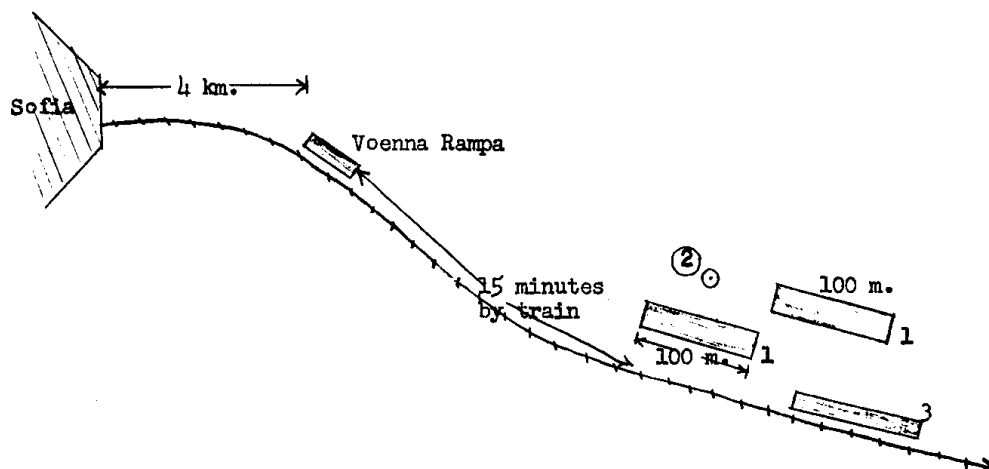
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39. The factory went into activity in 1951. The following is a sketch of its lay-out:



1. Two buildings parallel to the rail line, at least 100 meters long, 1-story high, sawtooth skylight-type roof.
2. Cement chimney, about 30 meters high.
3. Loading platform of the factory.

40. [redacted] the plant produces gunpowder and explosives of various types.

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"Elektrometal" Foundry - April 1954

41. The "Elektrometal" Foundry is located in the industrial zone in the northern outskirts of Sofia. Informant did not know the number of workers employed, but stated that work is done in three 8-hour shifts per day.
42. Production (raw) which informant knew is as follows:
- a. Breast-plates for 82 mm. Soviet-type mortars;
 - b. Casings for mortar bombs (known in Bulgarian as tela za mini), 82 mm.;
 - c. Parts for locomotives and railroad passenger and freight cars and spare parts for these items; and
 - d. Parts for steel presses (this is a type of press having a compression power of 80 tons) and parts for heavy machinery of various types.

43. [redacted] the products of this factory are sent to the following units:

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- a. Casings and breast-plates to a military establishment identified by a number (number not known to informant), located 7-8 kilometers south of the railroad station of Novoseltzi, approximately 800 meters north of the rail line to Varna;

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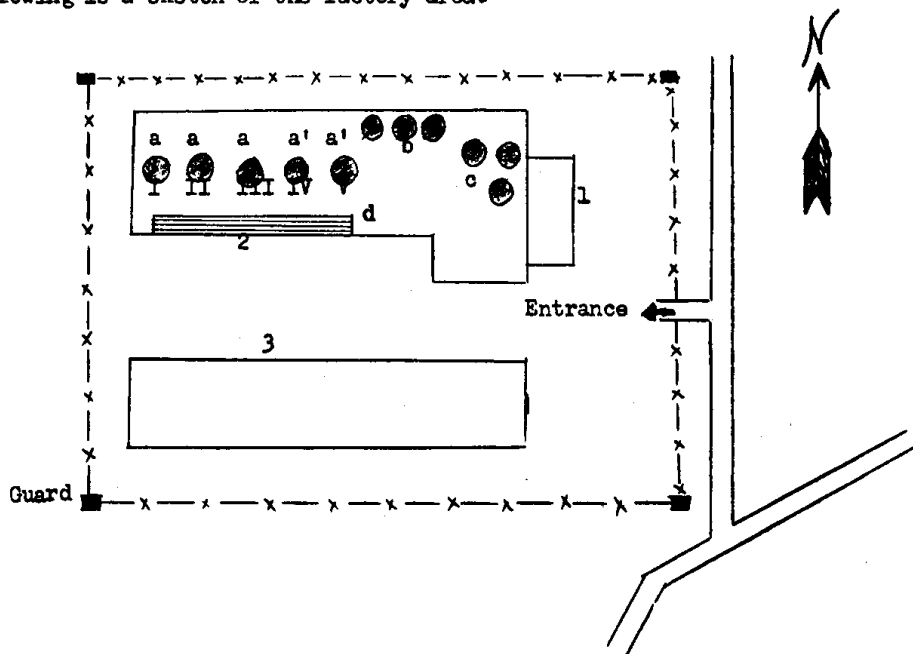
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- b. Parts for portable weapons: To the "Gun Workshop of the MVR," located in the industrial quarter (Sugar Factory quarter) of Sofia;
- c. Parts and spare parts for locomotives, railroad passenger and freight cars: To the "Lokomotivno Vagona Rabotilnitsa" (Locomotive Car Workshop) located in the Sugar Factory quarter of Sofia; and
- d. Parts for steel presses and parts for heavy machinery: To the "Anton Ivanov" Factory located in the Nadezhda quarter of Sofia.

NOTE: The four factories mentioned above are described separately elsewhere in this report.

44. The following is a sketch of the factory area:



1. Directorate, administration, various offices. 2-story construction, tile roof, dimensions unknown.
2. Foundry. Masonry shed about 100 x 30 meters.
 - a. 5 electric furnaces for the production of steel, of German production, "Shtassano" (?) make. Three of these were installed when the factory was built (not known whether pre- or post-war construction) and two (shown as a') in 1952. The furnaces are loaded automatically and have a total production capacity of 100 tons of steel every 24 hours. They rotate, in pairs, in activity in the following order: I, II, III, IV, V, I, etc. Each takes eight hours to cast.
 - b. Three coal furnaces for the smelting of cast iron. Capacity not known.

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- c. Three coal furnaces for colored metal. Capacity not known.
 - d. Control board for operating the loading mechanisms of the electric furnaces.
3. Depot. Scrap metal and ferrous materials, coal, and products of the foundry. Masonry building the same size as the foundry (100 x 30 meters).
45. The factory is not equipped with rail connections. It uses trucks of various types for the transport of raw materials and finished products.
46. The factory is enclosed by a fence about two meters high. There are guard posts at each of the four corners of the area. Guards are supplied by a unit of the Ministry of the Interior.

"Elprom" Electric Materials Factory - April 1954

47. The "Vasil Kolarov" Factory, a unit of the Elprom enterprise, is located in the Ilyantsi quarter of Sofia, in the vicinity of the Ilyantsi railroad station. It employs a total of approximately 2,500 workers. Work is done in three shifts per day in some departments and in two shifts in others.
48. Informant knew of the following production:
- a. Electric motors from 1/2 to 200 kilovolts;
 - b. Complete transformers with a maximum capacity of 30,000 kilovolt-amperes;
 - c. Electric cables of various types;
 - d. Control boards;
 - e. Switches;
 - f. Insulators;
 - g. Induction coils; and
 - h. Electric-motor trolleys for materials transport (of the type used in railroad stations).

49. Part of the production of this factory is exported to China

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50. A fence about 1.5-2 meters high runs along the entire perimeter of the factory area. Guard duty is entrusted to personnel of the Ministry of the Interior unit which is lodged in its own barracks located at the weapons factory in the neighborhood.

Locomotive and Railroad Car Factory - April 1954

51. The Locomotive Railroad Car Workshop, which entered into activity at the beginning of 1954, is located in the northern outskirts of Sofia in the Sugar Factory quarter. It engages in the following production (all destined for domestic use):

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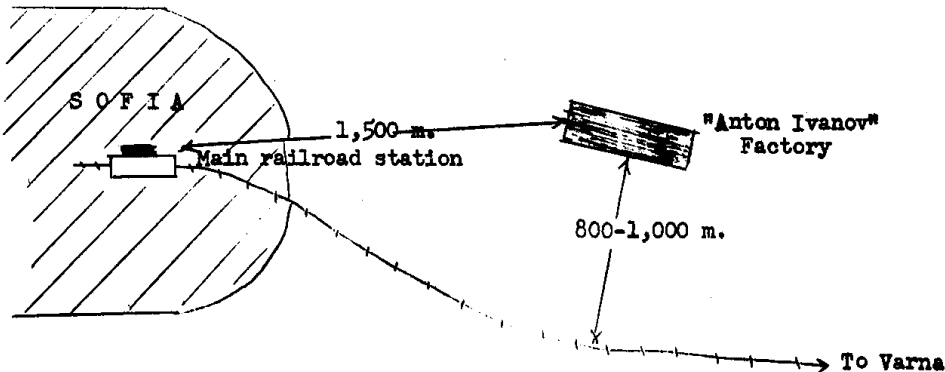
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- a. Assembling and repairing locomotives;
 - b. Passenger and freight cars;
 - c. Refrigerator cars;
 - d. Tank cars; and
 - e. Parts and spare parts for rolling stock.
52. The factory has double-track rail connections with the railroad line to Varna.
53. Guard duty is carried out by personnel of the Ministry of the Interior.

Heavy Machinery Factory - April 1954

54. The "Anton Ivanov" Heavy Machinery Factory is located in the Nadezhda quarter of Sofia, in the vicinity of the thermoelectric plant, approximately 1,500 meters southeast of the main Sofia railroad station, 800-1,000 meters north of the rail line to Varna, as follows:



55. Production consists of various types of heavy machinery, including the following:
- a. Lathes;
 - b. Milling machines;
 - c. Hydraulic presses;
 - d. Pneumatic and mechanical hammers;
 - e. Drills; and
 - f. Boilers, etc.
56. Component parts for the production of the hydraulic presses are supplied by the "Elektrometal" Foundry of Sofia.

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57. [redacted] work
is done in three 8-hour shifts per day.

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58. Guard duty is performed by personnel of the DS.

Factory under Construction - April 1954

59. A factory which rumor states will produce "machinery" is located in the northern outskirts of Sofia on the right side of the Sukho Dol Stream. Work was begun in 1952 and is being carried out by "Sovbolstroiz" the joint Bulgarian-Soviet construction company. As of April 1954, three sheds 80-100 meters long, with sawtoothed skylights had been completed, and construction was under way on one or two other sheds of the same type. Machinery is being installed in the buildings already completed; it is rumored that this machinery was supplied by Czechoslovakia.
60. The new factory is served by a double-track rail line which connects with the Sofia-Varna line. The buildings of the factory overlook the rail line, which runs to an open-air scrap metal storage area located a little farther north.
61. The factory is scheduled to enter into activity at the end of 1954.

Legend for Sketch Pages 14-19

1. Underground depot containing explosives and munitions.
2. Training camp and school for special artillery units.
3. Road bridge of new construction.
4. Refitted railroad bridge.
5. Weapons factory.
6. "Voroshilov" Elprom Factory.
7. Air raid shelter of the "Voroshilov" Factory.
8. Workers quarters of the "Voroshilov" Factory.
9. "Elektrometal" Foundry.
10. "Vasil Kolarov" Elprom Factory.
11. Locomotive and railroad cars factory.
12. Factory under construction.
13. Locomotive depot and repair workshop.
14. Scrap metal depot (formerly sugar factory).
15. Scrap metal depot in the open.

Assemble sketch as follows:

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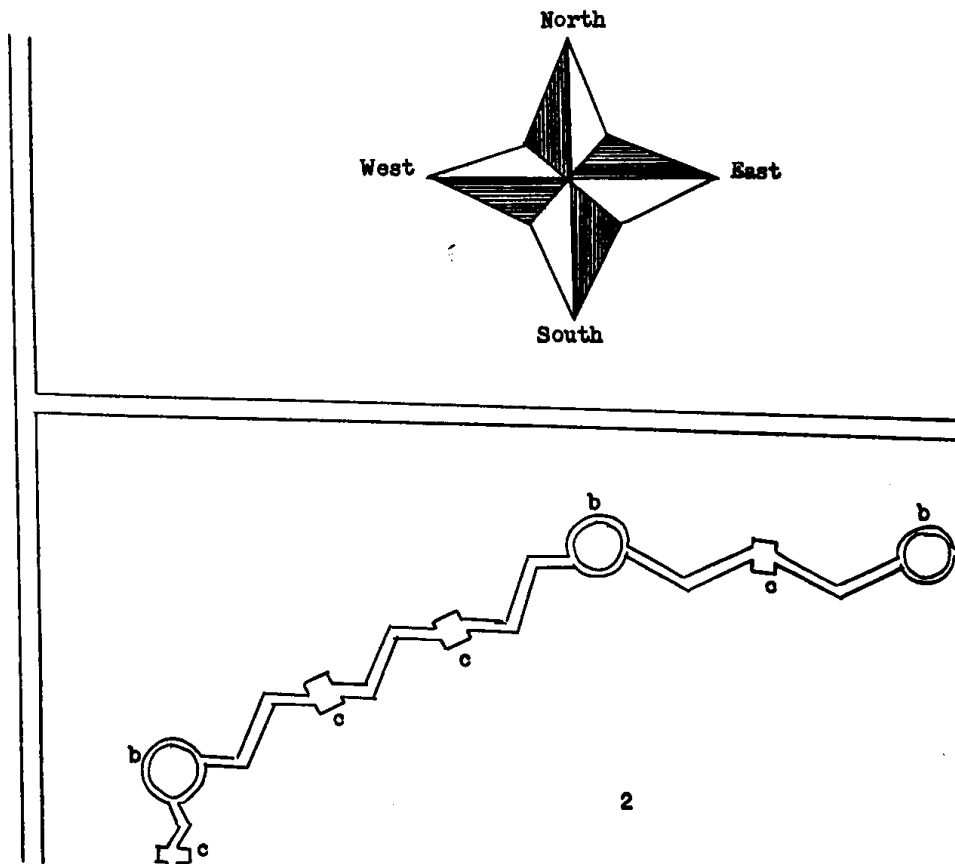
APPENDIX

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The City of Sofia

April 1954

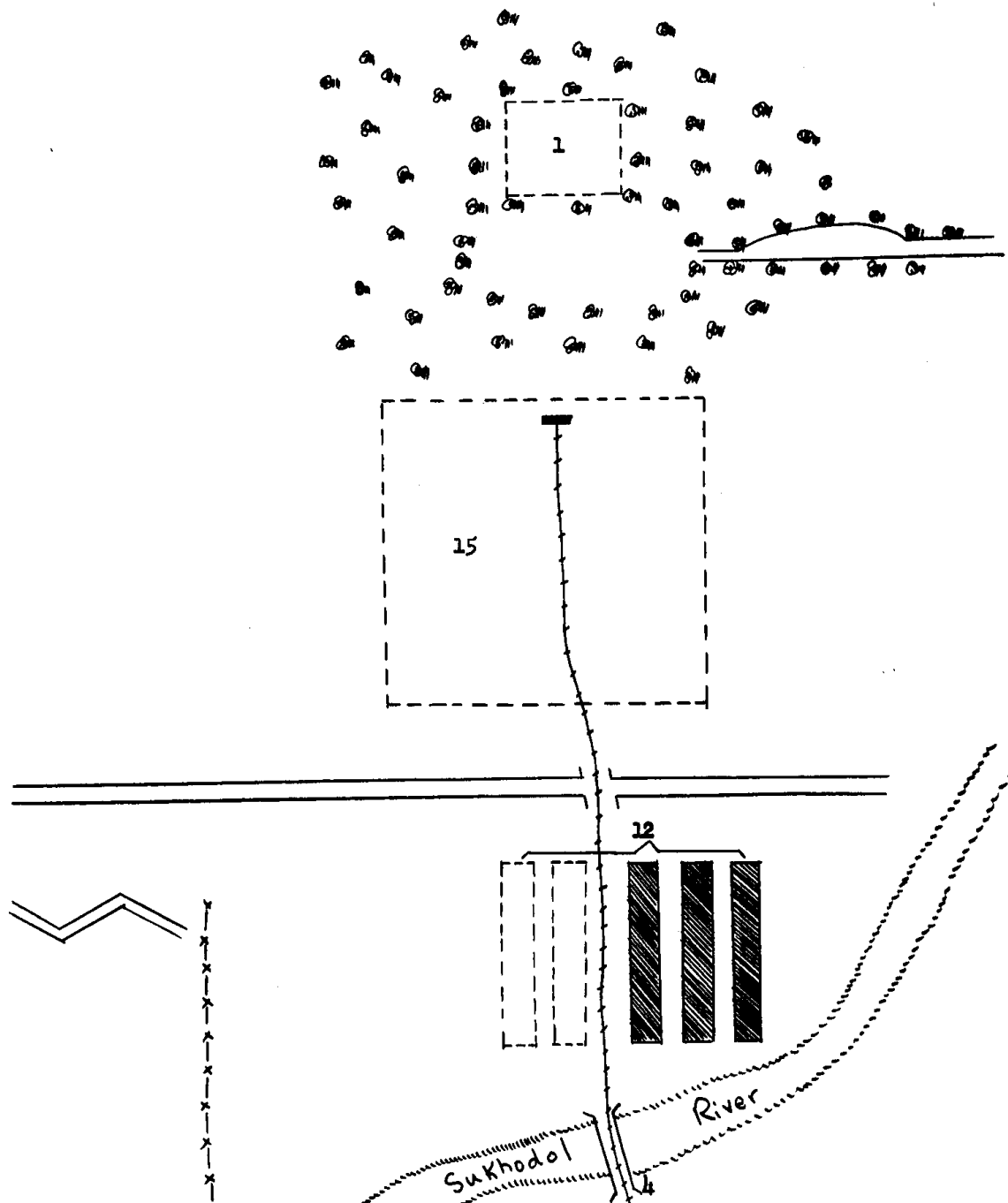


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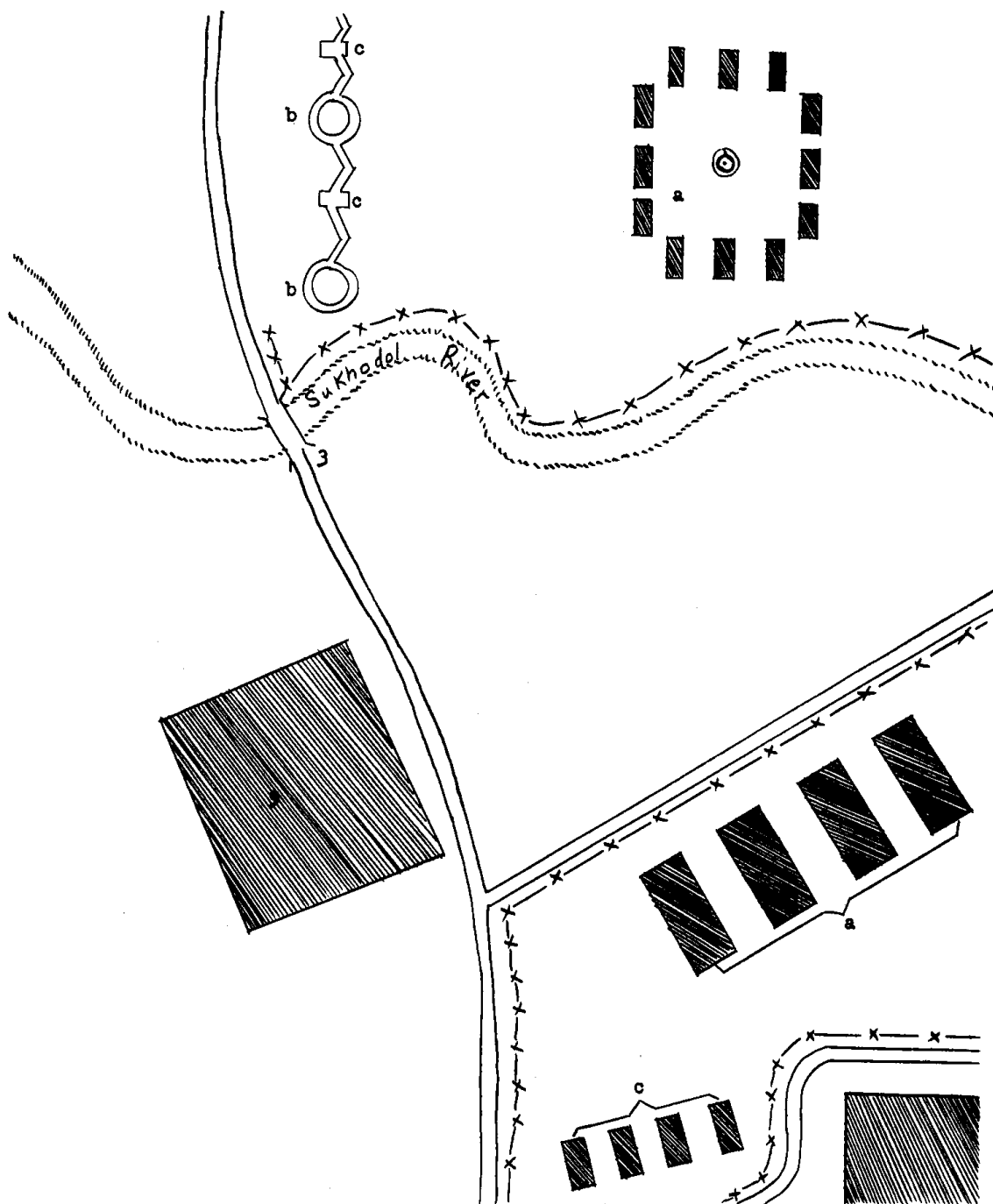
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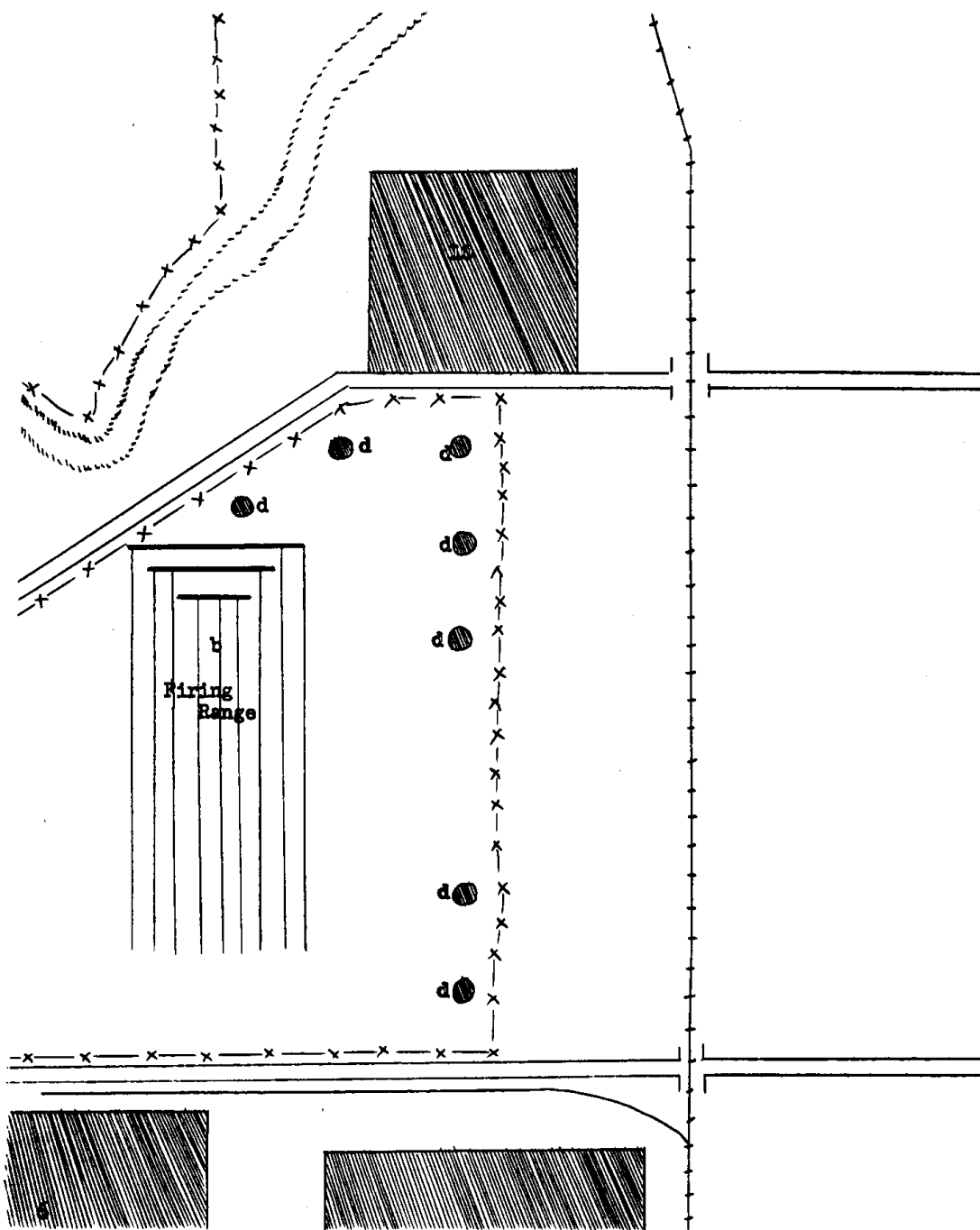


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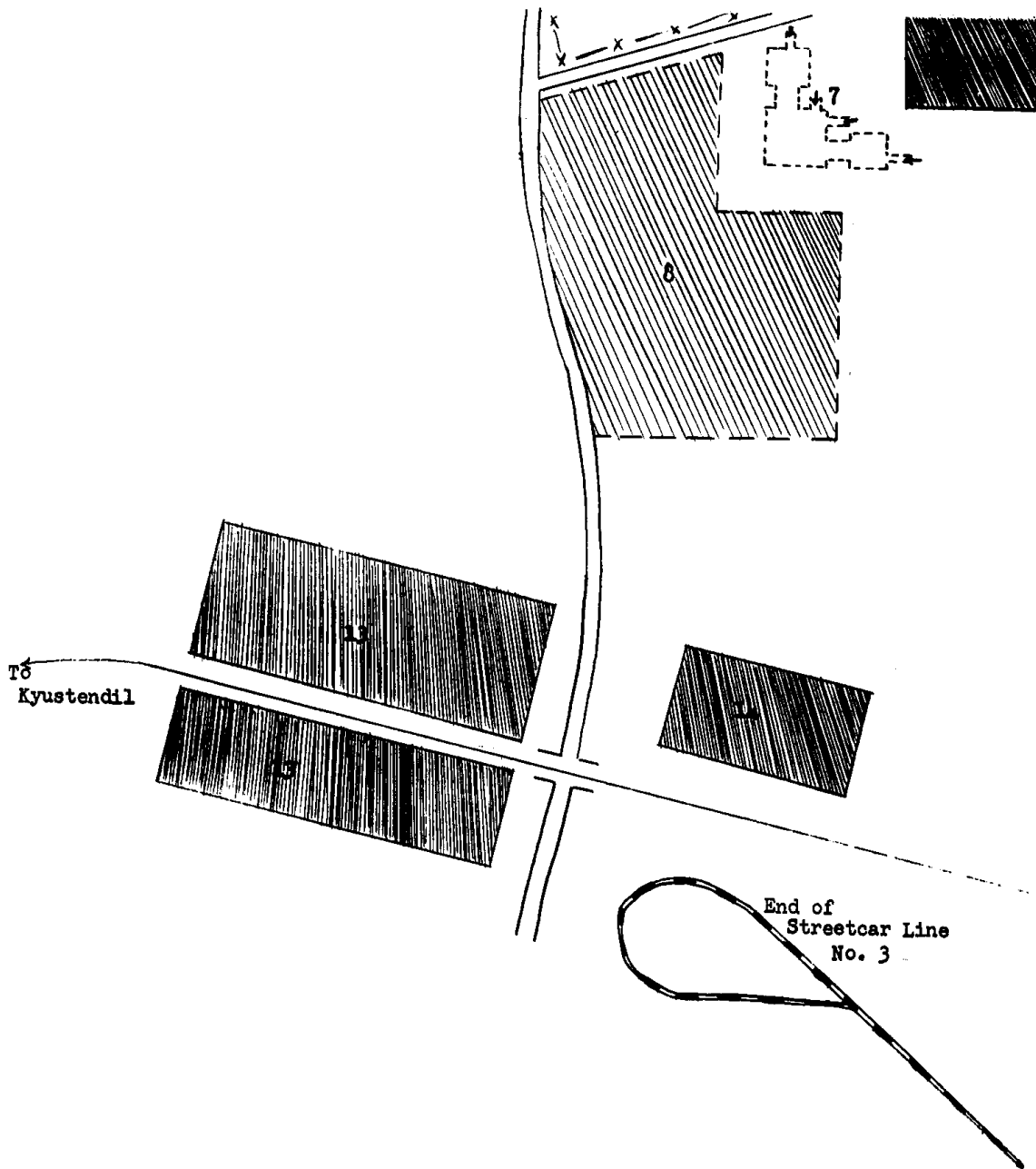


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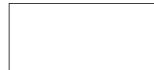
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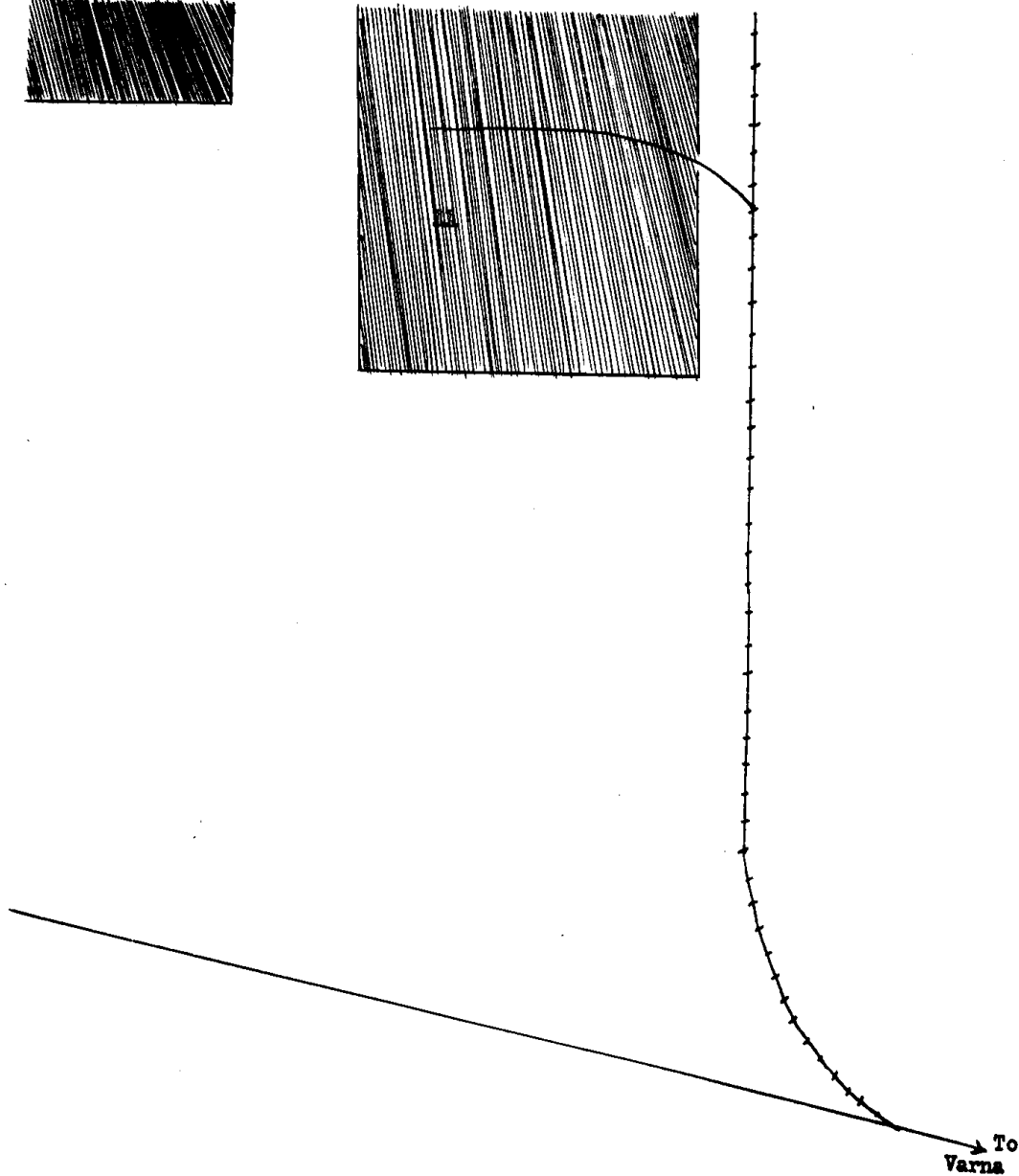
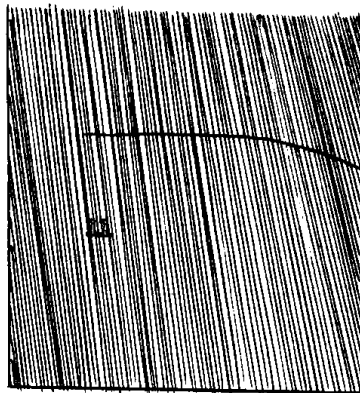
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